SPECIAL APPLICATIONS

TRUCK-CAMPER LOADING **1**
SNOWPLOW PREP PACKAGE (VYU) **15**
Ballast Compensating Weight 16
2001 Chevrolet/GMC Snowplow Prep Package – Option VYU, Pickup **17**
2001 Chevrolet/GMC Snowplow Prep Package – Option VYU, Cab Chassis/Utility **19**
Allowable Center of Gravity Calculation **21**
2001 Allowable Center of Gravity Charts **22**
Snowplow Prep Package (VYU) Electrical Provisions **24**
Figure 1 (Instrument Panel) **25**
Figure 2 (Emergency Vehicle Roof Lamp Harness to Roof Header) **26**
Figure 3 (Accessory Harness Grommet) **27**
Figure 4 (Forward Lamp Harness In-Line Connectors – L.H.) **28**
Figure 5 (Forward Lamp Harness In-Line Connectors – R.H.) **29**
Front Exterior Lamp Connector Circuit Function Charts **30**
Forward Lamp Harness In-Line Connectors **32**
Headlamp Connectors **33**
Front Exterior Lamp Electrical Connector Part Numbers **34**
Figure 6 (Basic Trailer Wiring Package) **35**
Figure 7 (Heavy Duty Trailer Wiring Package) **36**
PICKUP BOX REMOVAL PROGRAM **37**
Alterations to Complete Vehicles 37
Federal Motor Vehicle Safety Standards **39**
FMVSS 101 – Controls and Displays 39
FMVSS 102 – Transmission Shift Lever Sequence, Starter Interlock and Transmission Braking Effect 40
FMVSS 103 – Windshield Defrosting and Defogging Systems 40
FMVSS 104 – Windshield Wiping and Washing Systems 41

PICKUP BOX REMOVAL PROGRAM – *Continued*

FMVSS 105 – Hydraulic Service Brake, Emergency and Parking Brake Services 41
Allowable Center of Gravity Calculation 42
2001 Allowable Center of Gravity Charts 43
FMVSS 106 – Brake Hoses 45
FMVSS 108 – Lamps, Reflective Devices and Associated Equipment 45
FMVSS 111 – Rearview Mirrors 46
FMVSS 112 – Headlamp Concealment Devices 47
FMVSS 113 – Hood Latch System 47
FMVSS 114 – Theft Protection *(GVWR of 10,000 Pounds or Less)* 47
U.S. CFR 49, PART 565/CMVSS 115 – Vehicle Identification Number 48
FMVSS 116 – Motor Vehicle Brake Fluids 48
FMVSS 120 – Tire Selection and Rims for Vehicles Other than Passenger Cars 48
FMVSS 124 – Accelerator Control Systems 49
FMVSS 201 – Occupant Protection in Interior Impacts *(GVWR of 10,000 Pounds or Less)* 49
FMVSS 202 – Head Restraints *(GVWR of 10,000 Pounds or Less)* 50
FMVSS 203 – Impact Protection for the Driver from the Steering Control System *(GVWR of 10,000 Pounds or Less)* 50
FMVSS 204 – Steering Control Rearward Displacement *(GVWR of 10,000 Pounds or Less)* 50
FMVSS 205 – Glazing Materials 50
FMVSS 206 – Door Locks and Door Retention Components *(Not Applicable to Bus)* 51
FMVSS 207 – Seating Systems 51
FMVSS 208 – Occupant Crash Protection 52
FMVSS 209 – Seat Belt Assemblies 54
FMVSS 210 – Seat Belt Assembly Anchorages 54
FMVSS 212 – Windshield Mounting *(GVWR of 10,000 Pounds or Less)* 55
FMVSS 214 – Side Impact Protection *(GVWR of 10,000 Pounds or Less – Static)*
(GVWR of 6,000 Pounds or Less – Dynamic) 56

PICKUP BOX REMOVAL PROGRAM – *Continued*

FMVSS 216 – Roof Crush Resistance *(GVWR of 6,000 Pounds or Less)* 56
FMVSS 219 – Windshield Zone Intrusion *(GVWR of 10,000 Pounds or Less)* 56
FMVSS 301 – Fuel System Integrity MPV'S, Trucks and Buses *(GVWR of 10,000 Pounds or Less)* 57
2001 S/T and C/K Pickup Box Removal Program – TABLE A 58
FMVSS 302 – Flammability of Interior Materials 60
Canada Motor Vehicle Safety Standards 60
Statements Regarding Canada Motor Vehicle Safety Standards 61
CMVSS 108 – Lighting Equipment (Daytime Running Lamps) 61
Radio Noise Interference 62
U.S. EPA and California Exhaust and Evaporative Emission Requirements and NHTSA Fuel Economy Regulations 62
Pickup Box Removal Fuel Fill System Modifications for Gasoline Vehicles 65
Fuel Tank Filler Neck (Gas) 66
Fuel Filler Pipe Assembly to Frame – Chassis Cab (ZW9) Trucks 67
Fuel Filler Pipe Assembly to Frame – Pickups Without (ZW9) 68
Fuel Filler Pipe Assembly to Frame – Rear Axle Vent Hose (ZW9) 69
Fuel Filler Pipe Assembly to Frame – Rear Axle Vent Hose (ZW9) 70
Pickup Box Removal Tail Lamp Wiring Modifications 71
Rear J unction Block 71
Rear Tail Lamps and License Plate Lamp 71
Combination Lamps on All New C/K Chassis 72
Rear Chassis Wiring Harness and Rear Lamp Connector Faces 72
Rear Junction Block as Viewed from Rear of Vehicle with ZW9 73
Rear Junction Block Electrical Diagram 74
Rear Junction Block Bracket to Frame – Chassis Cab (ZW9) Trucks 75
Rear Junction Block Installation – Chassis Cab (ZW9) Trucks 76

PICKUP BOX REMOVAL PROGRAM – *Continued*

Left Hand Tail Lamp to Frame – Chassis Cab (ZW9) Trucks 77
Left Hand Tail Lamp to Junction Block – Chassis Cab (ZW9) Trucks 78
License Plate Lamp to Rear Junction Block 79
Right Hand Tail Lamp to Frame – Chassis Cab (ZW9) Trucks 80
Right Tail Lamp Harness to Junction Block – Chassis Cab (ZW9) Trucks 81
Basic Trailer Wiring Package 82
Heavy Duty Trailer Wiring Package (If Equipped) 83
Trailer Wiring Stop/Turn Circuit Electrical Diagram 84
Rear Junction Block – Rear Chassis Harness Connector 85
Rear Junction Block – Left Hand Tail Lamp Connector 86
Rear Junction Block – Right Hand Tail Lamp Connector 87
Rear Junction Block – License Plate Lamp Connector 88
Rear Bumper Removal Wiring Modifications 89
License Plate Lamp to Rear Junction Block – Pickup with Rear Bumper Delete (VF7) 90
License Plate Lamp to Rear Junction Block – Pickup with Rear Bumper Delete (VF7) 91
Model Years 1999 and 2000 S10803 Pickup Box Removal Not Available 92

TRAILERING INFORMATION 93

How to use GCWRs to Determine Powertrain and Rear Axle Ratio for Trailering 93
GCWR Rating For Rear Axle Ratio and Engine Combination with **Automatic** Transmission 93
GCWR Rating For Rear Axle Ratio and Engine Combination with **Manual** Transmission 94
M/L Van Trailering (Astro/Safari) 95
G Van Trailering (Express/Savana Passenger Van) 96
G Van Trailering (Express/Savana Cargo Van) 97
S-Series Pickup Trailering (S-10/Sonoma) 98
S-Series Utilities Trailering (Blazer/Jimmy) 99

C/K New Pickup Trailering (Silverado/Sierra 1500/2500 Ball Hitch) 100
C/K New Pickup Trailering (Silverado/Sierra 2500HD/3500 Ball Hitch) 102
C/K New Pickup Trailering (Silverado/Sierra 1500/2500 Fifth-Wheel) 103
C/K New Pickup Trailering (Silverado/Sierra 2500HD/3500 Fifth-Wheel) 105
C/K New Utilities Trailering (Tahoe/Yukon) 106
C/K New Utilities Trailering (Suburban/Yukon XL) 107
C/K New Utilities Trailering (Yukon Denali) 108
C/K New Utilities Trailering (Yukon XL Denali) 108
TRAILERING ELECTRICAL INFORMATION 109